

Declassified in Part - Sanitize	ed Copy Approved for Release 2012/06/06 : Cl	A-RDP10-00105R000201110001
•		50X1-HUM
The Location of the Location o	Intelligence Information Spe	
		Page 3 of 7 Pages 50x1-HUM
COUNTRY USSR		DATE 16 June 1975
	SUBJECT	50X1-HUM
MILITARY THOUGH	T (USSR): Radiation Situation or Nucle	ear Situation? 50X1-HUM

Declassified in	Part - Sanitized (Copy Approved	d for Release 201	2/06/06 · CIA-RDP10	 0-00105R000201110001
_	•				
				Pa	ge 4 of 7 Pages
					50X1-HUM
	ال ا		by	lear Situation?	
		Lieutena	nt Colonel Ye.	Zhuravlev	
con	oc to actimate	the radiati the terrain.	on situation a	n various exercis rising from the r rement is found r	antoactive
man sit	a large numbe	r of article	es, monographs, the estimation	search work has b instructions, gu n of the impact o nd on the work of	ides, and of a radiation
per bat pre les of ma_ in des ext	rsideration of rsonnel, and contile and operate eccupation with a simportant production in the simportant production in the simportant production of cases decision-making struction and consideration and consideration are simportant.	the impact of mbat equipment ions, we would have the working oblines of property and their and their and their and their and at command betruction; of widespread	of radioactive ent in the prepared like to not a go out of these rotection from attendant phenomes are not taked post and trocareas of mass a blinding of the entire trade.	ortance of a care contamination of aration and the care that such a some questions shunts the casualty produced into sufficient on into sufficient conflagrations are conflagrations are personnel of both of these phenomen	the terrain, conduct of mewhat one-sided s aside other no ducing elements alar, in a t consideration mes and areas of ad flooding; friendly and
ob ob vi ra th th	erations (for estructions, but viously turn in tally influence dioactive contractors of militer junctions of my densely site 30 percent	example, the rns and bling an opera example the combat amination. tary operations road network atted; highwoof the area	Western), the ding of person tional factor, actions of tro As is known, wons, inhabited ks and contain average and other	mass destruction nel, and fires and which, it seems cops at least as ithin the borders areas, as a rule many stone structorads are lined wy large tracts of als.	and d flooding, will to us, will much as of these , are located at tures which are ith large trees;
]	
					50X1-HUM

Declassified in Part - Sanitized Copy Approved for Release 2012/06/06 : CIA-RDP10-00105R000201110001-1

Declassified in Part - Sanit	zed Copy Approved for Release 2012/06/06 : CIA-RDP10-00105R0002011	10001-1
•		
•		
	Page 5 of $_{5.0\times1-HUM}$	

If, in the first stage of the study and mastery by the troops of the problems of protection from nuclear weapons, some predominance of the problems of protection from radioactive substances had some justification, an urgent need has now arisen to thoroughly and objectively evaluate the impact all of the casualty producing elements of nuclear bursts and the attendant phenomena have on the combat actions of troops. We are convinced that this can be facilitated by changing the requirement to estimate the radiation situation to the requirement to estimate and take into account the situation arising as a result of nuclear strikes, and which can be called the nuclear situation, just as, for example, the case in which the aggregate aftereffects arising as a result of the use of chemical weapons by both sides is called a chemical situation.

Thus, a nuclear situation can be understood to mean the aggregate of phenomena arising as a result of nuclear strikes delivered by both sides and having an impact on troop combat actions and on the work of the rear. To estimate the nuclear situation means to establish the possible scale and nature of losses in personnel and combat equipment of friendly and enemy troops, the scale and nature of mass destruction and obstructions, the size of the zones and areas of possible radioactive contamination, and fires and floods; and to determine the degree of influence of all these on the combat actions of friendly and enemy troops.

Of course, the substitution of the concept 'nuclear situation' for the concept "radiation situation", will create certain minor difficulties of an organizational nature and will require a redistribution of functional responsibilities between the field staffs and the staffs of the arms of troops and of special troops, as well as the services, departments and personnel holding specific appointments. Of course, there will be slight drawbacks involved, but the advantages resulting from a thorough and objective analysis of the situation and a fuller evaluation of its impact on troop combat actions are completely clear. As is evident, staffs, after estimating the nuclear (and also the chemical and bacteriological) situation and drawing the appropriate conclusions from it, will be in a position to present the commanders with sound proposals concerning the most feasible actions for troops for the conditions which have developed and the optimal, or close to optimal, variations for the protection of troops from the casualty producing elements of the weapons of mass destruction and the phenomena created by their use.

The detection of a nuclear situation, in our view, can be accomplished both by the reconnaissance of areas of nuclear strikes and the collection and processing of data received from the troops, and by forecasting a

]		

50X1-HUM

50X1-HUM

-		
		Page 6 of 7 Pages 50x1-HUM
nuclear situation	through tabular-analytical and	
helicopter and air dosimeter devices scale and nature of For the fulfilment	sance of areas of nuclear strictaft crews trained for this pand instruments necessary for f destruction and obstructions of particular tasks of radiat also is possible to send ground	urpose, with the use of determining and fixing the , and of fires and floods. ion and engineer
on the use of nucleand by our troops computation and are the computation are engineer troops. basis of existing obstructions, design personnel, it might minor-mechanizations.	is advisable that the collecti ear, chemical, and bacteriolog be carried out by staffs of al alysis stations and groups. It d analysis stations and groups For an effective forecast of a methods of forecasting radioac ruction, fires, floods, and with be possible to develop a single means to perform calculation algorithmic calculations as we	ical weapons by the enemy 1 levels with the use of is necessary to reinforce with specialists from the nuclear situation on the tive contamination, despread blinding of gle technique and s and to plot the situation
situation" concept conditions for the from weapons of many cybernetics. The of troops from nucleotided upon along organizations, and troops, and service	of the most important reasons is, in our view, that its use study of the aggregate of meass destruction through the met fact of the matter is that the lear weapons has, for a long to separate lines. Scientific related the command levels of the arm less each studied individual que tection of troops from weapons	e affords more favorable sures to protect troops hods of military problems of the protection time, been studied and research institutions and as of troops, special estions of the overall
degree of effective a whole, given describility of the cybernetics, mathe	resolve the problems of protect reness and reliability, it is not inable quantities of criterial e system of protection based on matics, and computer technologies of operations research.	of the effectiveness and the latest advances in
arising from the	e do not pretend to have present introduction of the "nuclear si nowever, to conduct a broad dis	tuation" concept. It seems
		 50X1-HUM

	12/06/06 : CIA-RDP10-00105R0002011		
. •			
	Page 7 of 7 Pages		
the pages of the military press. An exchange attention of a wide circle of military special various areas of the problems of the protection mass destruction, and will offer the possibility understanding of them.	military press. An exchange of views will attract the ide circle of military specialists and researchers of the problems of the protection of troops from weapons of , and will offer the possibility of arriving at a common them.		
	50X1-HUM		
	•		
	50X1-HUM		